

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURED BY:
GE SILICONES
260 HUDSON RIVER ROAD
WATERFORD, NY 12188

SUPPLIED BY:
GE SILICONES
260 HUDSON RIVER ROAD
WATERFORD, NY 12188

EMERGENCY PHONE (24 HRS)
(518) 237-3330

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REVISED: 09/24/98
PREPARER: CE HANNIGAN
CHEMICAL FAMILY/USE: POLYSILOXANE
FORMULA: MIXTURE

2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION/ CAS REG NO.	APPROX. WGT. %	ACGIH TLV TWA	STEL	OSHA PEL TWA	STEL	UNITS
A. HAZARDOUS						
ISOBUTANE						
75-28-5	10-30	NF	NE	NF	NE	NA
HYDROCARBON SOLVENT						
8030-30-6	5-10	300	NE	500	NE	PPM
PROPANE						
74-98-6	10-30	NE	NE	1000	NE	PPM
METHYLENE CHLORIDE						
75-09-2	30-60	50	NE	25	125	PPM
B. NON-HAZARDOUS						
MINERAL SEAL OIL (06953)						
8002-05-9	10-30	NA	NE	NA	NE	NA

See Section 15 for description of any WHMIS Trade Secret(s).

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

This section not in use

POTENTIAL HEALTH EFFECTS:

INGESTION:

May be fatal if swallowed.

SKIN CONTACT:

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Causes drying of the skin.

INHALATION:

Excessive inhalation causes headache, dizziness, nausea and incoordination.

Harmful if inhaled.

EYE CONTACT:

Causes eye irritation.

MEDICAL CONDITIONS AGGRAVATED:

Respiratory

Liver, kidney

SUBCHRONIC (TARGET ORGAN) EFFECTS:

Liver and kidney damage.

This product contains a component that is tumorigenic.

CHRONIC EFFECTS/CARCINOGENICITY:

This product or one of its ingredients present 0.1% or more is listed as a carcinogen by NTP, IARC or OSHA X Yes ___ No

PRODUCTS/INGREDIENTS

NTP has determined that there is sufficient evidence for the carcinogenicity of methylene chloride to laboratory mice by inhalation. IARC has determined methylene chloride to be a class 2b carcinogen.

Perchloroethylene is listed in IARC and reported as a suspect carcinogen in animals. The data on humans was considered indefinite.

PRINCIPLE ROUTES OF EXPOSURE:

Dermal - skin.

Inhalation.

OTHER:

None known.

4. FIRST AID MEASURES

INGESTION:

Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

SKIN:

Wash with soap and water.

INHALATION:

If inhaled, remove to fresh air, if not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.

EYES:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

NOTE TO PHYSICIAN:

None known.

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5. FIRE FIGHTING MEASURES

FLASH POINT: -104. (C) -156 (F)
METHOD : CC.
IGNITION TEMP : 460 (C) 860 (F)
FLAMMABLE LIMITS IN AIR - LOWER (%): 1.8
FLAMMABLE LIMITS IN AIR - UPPER (%): 8.4
SENSITIVITY TO MECHANICAL IMPACT (Y/N): NO
SENSITIVITY TO STATIC DISCHARGE:

Sensitivity to static discharge is expected; material has a flash point below 200 f.

EXTINGUISHING MEDIA:

All standard firefighting media

SPECIAL FIREFIGHTING PROCEDURES:

Extremely flammable.

6. ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Wipe, scrape or soak up in an inert material and put in a container for disposal.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Avoid contact with skin and eyes.
Use only in a well ventilated area.
Do not inhale vapors.
Danger! Extremely flammable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Eyewash stations.
Use in a well ventilated area.

RESPIRATORY PROTECTION:

Use in a well ventilated area.

PROTECTIVE GLOVES:

None known.

EYE AND FACE PROTECTION:

Safety glasses.

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OTHER PROTECTIVE EQUIPMENT:

Wear eye protection and protective clothing.

VENTILATION:

Use only in well ventilated area.

9. PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT INFORMATION:

BOILING POINT	:	NA	(C) NA	(F)
VAPOR PRESSURE (20 C) (MM HG)	:	380		
VAPOR DENSITY (AIR=1)	:	2.93		
FREEZING POINT	:	NA	(C) NA	(F)
MELTING POINT	:	NA	(C) NA	(F)
PHYSICAL STATE	:	LIQUID		
ODOR	:	PETROLEUM		
COLOR	:	YELLOWISH		
ODOR THRESHOLD (PPM)	:	150		
% VOLATILE BY VOLUME	:	60		
EVAP. RATE (BUTYL ACETATE=1)	:	>1		
SPECIFIC GRAVITY (WATER=1)	:	11		
DENSITY (KG/M3)	:	UNKNOWN		
ACID/ALKALINITY (MEQ/G)	:	UNKNOWN		
PH	:	UNKNOWN		
VOC EXCL. H2O & EXEMPTS (G/L)	:	NT		
SOLUBILITY IN WATER (20 C)	:	NONE		
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT)	:	NA		

10. STABILITY AND REACTIVITY

STABILITY: STABLE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:
Carbon monoxide.
Carbon dioxide.
Silicon dioxide.
INCOMPATIBILITY (MATERIALS TO AVOID):
None known.
CONDITIONS TO AVOID:
Keep away from heat, sparks and flame.
Avoid any source of ignition.

11. TOXICOLOGICAL INFORMATION

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ISOBUTANE

ACUTE ORAL LD50 (MG/KG): NF
ACUTE DERMAL LD50 (MG/KG): NF
ACUTE INHALATION LC50 (MG/L): NF
OTHER:

None.

AMES TEST: UNKNOWN

HYDROCARBON SOLVENT

ACUTE ORAL LD50 (MG/KG): NA
ACUTE DERMAL LD50 (MG/KG): NA
ACUTE INHALATION LC50 (MG/L): NA
OTHER:

None.

AMES TEST:

PROPANE

ACUTE ORAL LD50 (MG/KG): NONE FOUND
ACUTE DERMAL LD50 (MG/KG): NONE FOUND
ACUTE INHALATION LC50 (MG/L): NONE FOUND
OTHER:

None.

AMES TEST:

METHYLENE CHLORIDE

ACUTE ORAL LD50 (MG/KG): 2524 (RAT)
ACUTE DERMAL LD50 (MG/KG): NONE FOUND
ACUTE INHALATION LC50 (MG/L): 14,400 PPM/7HR(MUS)
OTHER:

Tested for acute oral LD50 and LC50.

AMES TEST: UNKNOWN

MINERAL SEAL OIL (06953)

ACUTE ORAL LD50 (MG/KG): NA
ACUTE DERMAL LD50 (MG/KG): NA
ACUTE INHALATION LC50 (MG/L): NA
OTHER:

None.

AMES TEST:

12. ECOLOGICAL INFORMATION

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ECOTOXICOLOGICAL INFORMATION: No data at this time
CHEMICAL FATE INFORMATION: No data at this time

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT SHIPPING NAME: CONSUMER COMMODITY
DOT HAZARD CLASS: ORM-D
DOT LABEL(S): NONE
UN/NA NUMBER: NONE
PLACARDS: NA
IATA:
AEROSOL DISPENSER, CONTAINS PETROLEUM DISTILLATE, METHYLENE CHLORIDE,
ISOBTANE), CLASS 2, UN1950.
IMO IMDG-code: NOT REGULATED FOR OCEAN TRANSPORTATION
EMS No: NA
EUROPEAN CLASS:
RID (OCTI): NA
ADR (ECE): NA
RAR (IATA): NA

15. REGULATORY INFORMATION

SARA SECTION 302:

None Found

SARA (311,312) HAZARD CLASS:

ACUTE HEALTH HAZARD
CHRONIC HEALTH HAZARD
FIRE HAZARD

SARA (313) CHEMICALS:

THIS PRODUCT CONTAINS TOXIC CHEMICAL(S) LISTED BELOW WHICH IS(ARE) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

METHYLENE CHLORIDE
75-09-2

CPSC CLASSIFICATION: FLAMMABLE LIQUID

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WEMIS HAZARD CLASS:

A COMPRESSED GAS
B2 FLAMMABLE LIQUIDS
D2A VERY TOXIC MATERIALS
D2B TOXIC MATERIALS

WEMIS TRADE SECRET:

None

EXPORT:

SCHDLE B/HTSUS: 3910.00 Silicones in Primary Form
ECCN: EAR99

HAZARD RATING SYSTEMS

HMIS FLAMMABILITY 3 , REACTIVITY 0 , HEALTH 2
NFPA FLAMMABILITY 3 , REACTIVITY 0 , HEALTH 2

CALIFORNIA PROPOSITION 65:

THIS PRODUCT CONTAINS CALIFORNIA PROPOSITION 65 CHEMICALS
WHICH ARE LISTED BELOW.

METHYLENE CHLORIDE (75-09-2)

16. OTHER INFORMATION

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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C = ceiling limit NEGL = negligible
EST= estimated NF = none found
NA = not applicable UNKN = unknown
NE = none established REC = recommended
ND = none determined V = recomm. By vendor
By-product = reaction by- SKN = skin
product, TSCA inventory TS = trade secret
status not required under R = recommended
40 CFR part 720.30(h-2) MST = mist
STEL = short term exposure NT = not tested
limit

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California Proposition 65...

Warning! This product contains a chemical known to the State
of California to cause cancer.
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